Adopted Codes:  
- 2018 International Building Code (IBC)  
- 2018 International Fire Code (IFC)  
- 2018 International Swimming Pool and Spa Code (ISPSC)  
- 2018 International Existing Building Code (IEBC)  
- 2018 International Residential Code (IRC)  
- 2018 International Energy Conservation Code (IECC)  
- 2018 International Mechanical Code (IMC)  
- 2018 International Fuel & Gas Code (IFGC)  
- 2017 Idaho State Plumbing Code (ISPC)  
- 2017 National Electrical Code (NEC)  

* All codes listed are effective January 1, 2021 (local amendments also apply)

General Design Guidelines - if the information is not found below, refer to the adopted codes stated above for proper design methods to meet minimum compliance.

Snow Load - Ground snow loads = 20 psf and also determined by section 7, of ASCE 7, however the design roof load shall not be less than a uniform snow load of 25 psf. Roof Ice Barriers are not required.

Floor Loads - live load 40 psf, dead load 20 psf / total 60 psf or ASCE 7, Table 4-1 for conditions that would require a greater load

Lateral Loads - ASCE 7 and adopted IBC. Geotechnical report required

Wind - 100 mph risk occupancy II or less; 115 mph for risk occupancy III, or greater. Exposure category per IBC Section 1609.4

Soil Properties - Geotechnical report required for structures in seismic areas and for basements.

Frost line – Minimum 24 inches deep footings

Weathering - severe

Exposure - B

Termite - slight to moderate

Decay - slight to none

Winter Design Temperature - 10 degrees (f). Annual Mean Temperature - 51.1

Floodplain Ordinance - Refer to Title 10, Chapter 6, Meridian City Code, Flood Damage Prevention.

Air Freezing Index - 294 (National Climatic Data Center)